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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER **STAN-337** U.S. APPLICATIONING. (Proposed see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 Q/5/ INTERNATIONAL FILING DATE INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED US2004/038830 11/18/2004 November 20, 2003 TITLE OF INVENTION IMPROVED METHODS OF IN VITRO PROTEIN SYNTHESIS APPLICANT(S) FOR DO/EO/US JEWETT, MICHAEL CHRISTOPHER **SWARTZ, JAMES ROBERT** CALHOUN, KARA Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. 🛛 This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. 🔯 A copy of the International Application as filed (35 U.S.C. 371(c)(2))) is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. c. X is not required, as the application was filed in the United States Receiving Office(RO/US)-convenience copy attached hereto 6. 🔲 An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. A have not been made and will not be made. 8. 🔲 An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. 🗌 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. 🔲 A preliminary amendment. 14. 🛛 An Application Data Sheet under 37 CFR 1.76. 15. 🗌 A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O.

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PTO-1390 (Rev. 02-2005)

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Department of Commerce Under the Paperwork Reduction Act of 1995, no persons are required to res rmation unless it displays a valid OMB control number. U.S. APPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER US2004/038830 **STAN-337** The following fees are submitted: **CALCULATIONS PTO USE ONLY** 21. 🛛 Basic national fee (37 CFR 1.492(a)).....\$300.00 \$ 300 Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)......\$0 200 All other situations Search fee (37 CRF 1.492(b)) 23. 🛚 \$ 100 If the written opinion of the ISA/US or the international preliminary examination report prepared by Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400.00 All other situations \$ ---600 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets or paper or fraction thereof. Number of each additional 50 or fraction RATE **Total Sheets** Extra sheets thereof (round up to a whole number) - 100 = /50 =X \$250.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed \$ priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE \$ \$ × \$50.00 **Total Claims** 18 - 20 = 0 \$ 0 x \$200.00 Independent Claims 1 - 3 = MULTIPLE DEPENDENT CLAIMS(S) (if applicable) + \$360.00 \$ **TOTAL OF ABOVE CALCULATIONS =** \$ 0 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ 600 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). 300 \$ **TOTAL NATIONAL FEE =** Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by \$ an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = 300 Amount to be \$ refunded: Amount to be \$ charged: а. 🔲 A check in the amount of \$ ____ to cover the above fees is enclosed. Please charge my Deposit Account No. 50-0815 in the amount of \$ A duplicate copy of this sheet is enclosed. \bowtie The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0815. A duplicate copy of this sheet is enclosed. d. 🔯 Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Bozicevic, Field & Francis, LLP 1900 University Avenue, Suite Pamela J. Sherwood 200 NAME (May 18, 2006) **East Palo Alto** California <u>36,677</u> REGISTRATION NUMBER 94303